

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): **Moore (et al.)**
Serial No.: **10/801,942**
Filed: **March 16, 2004**

Attorney Docket: **0057-011**
Examiner: **Partridge, William B.**
Group Art Unit: **2183**

Title: **Computer Processor Array With Dedicated Interconnections (as amended)**

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer No.: **63015**

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56, §1.97, and §1.98, Applicant brings the following documents to the Examiner's attention in the above-referenced application. Forms PTO/SB/08a and PTO/SB/08b listing these documents are submitted herewith. Copies of the references are being provided in accordance with 37 C.F.R. § 1.98(a)(2).

Cited References with Explanation of Relevance:

Applicants bring the following references to the Examiner's attention. The relevance of the cited references is that they are the closest art of which Applicant is aware.

1. U.S. Patent No. 3,868,677, issued February 25, 1975 to Kidd;
2. U.S. Patent No. 4,215,401, issued July 29, 1980 to Holsztynski et al.;
3. U.S. Patent No. 4,591,980, issued May 17, 1986 to Huberman et al.;
4. U.S. Patent No. 4,593,351, issued June 3, 1986 to Hong et al.;
5. U.S. Patent No. 4,665,494, issued May 12, 1987 to Tanaka et al.;
6. U.S. Patent No. 4,672,331, issued June 9, 1987 to Cushing;
7. U.S. Patent No. 4,739,474, issued April 19, 1988 to Holsztynski;
8. U.S. Patent No. 4,742,511, issued May 3, 1988 to Johnson;
9. U.S. Patent No. 4,789,927, issued December 6, 1988 to Hannah;
10. U.S. Patent No. 4,868,745, issued September 19, 1989 to Patton et al.;
11. U.S. Patent No. 4,942,517, issued July 17, 1990 to Cok;
12. U.S. Patent No. 4,943,909, issued July 24, 1990 to Huang;
13. U.S. Patent No. 4,961,167, issued October 2, 1990 to Kumanoya et al.;

14. U.S. Patent No. 5,021,947, issued June 4, 1991, to Campbell et al.;
15. U.S. Patent No. 5,029,124, issued July 2, 1991 to Leahy et al.;
16. U.S. Patent No. 5,159,338, issued October 27, 1992 to Takahashi;
17. U.S. Patent No. 5,434,989, issued July 18, 1995 to Yamaguchi;
18. U.S. Patent No. 5,475,856, dated December 12, 1995 to Kogge;
19. U.S. Patent No. 5,550,489, issued August 27, 1996 to Raab;
20. U.S. Patent No. 5,581,767, issued December 3, 1996 to Katsuki et al.;
21. U.S. Patent No. 5,630,154, issued May 13, 1997 to Bolstad et al.;
22. U.S. Patent No. 5,649,198, issued July 15, 1997 to Shibata et al.;
23. U.S. Patent No. 5,673,423, issued September 30, 1997, to Hillis;
24. U.S. Patent No. 5,740,463, issued April 14, 1998 to Oshima et al.;
25. U.S. Patent No. 5,765,015, issued June 9, 1998 to Wilkinson et al.;
26. U.S. Patent No. 5,832,291, issued November 3, 1998 to Rosen et al.;
27. U.S. Patent No. 5,867,330, issued February 2, 1999 to Tanaka;
28. U.S. Patent No. 5,944,814, issued August 31, 1999 to McCulloch et al.;
29. U.S. Patent No. 6,057,791, issued May 2, 2000 to Knapp;
30. U.S. Patent No. 6,081,215, issued June 27, 2000 to Kost et al.;
31. U.S. Patent No. 6,092,183, issued July 18, 2000 to Takewa et al.;
32. U.S. Patent No. 6,094,030, issued July 25, 2000 to Gunthorpe et al.;
33. U.S. Patent No. 6,192,388, issued February 20, 2001 to Cajolet;
34. U.S. Patent No. 6,232,905, issued May 15, 2001 to Smith et al.;
35. U.S. Patent No. 6,233,670, issued May 15, 2001 to Ikenaga et al.;
36. U.S. Patent No. 6,236,645, issued May 22, 2001 to Agazzi;
37. U.S. Patent No. 6,307,425, issued October 23, 2001 to Chevallier et al.;
38. U.S. Patent No. 6,388,600, issued May 14, 2002 to Johnson et al.;
39. U.S. Patent No. 6,404,274, issued June 11, 2002 to Hosono et al.;
40. U.S. Patent No. 6,404,663, issued June 11, 2002 to Shinozaki;
41. U.S. Patent No. 6,502,141, dated December 31, 2002 to Rawson III;
42. U.S. Patent No. 6,560,716, issued May 6, 2003 to Gasparik et al.;
43. U.S. Patent No. 6,636,122, issued October 21, 2003 to Tsyrganovich;
44. U.S. Patent No. 6,647,027, issued November 11, 2003 to Gasparik et al.;

45. U.S. Patent No. 6,657,462, issued December 2, 2003 to Dobberpuhl;
46. U.S. Patent No. 6,671,112, issued December 30, 2003 to Murakami et al.;
47. U.S. Patent No. 6,732,253, issued May 4, 2004 to Redford;
48. U.S. Patent No. 6,898,721, dated May 24, 2005 to Schmidt;
49. U.S. Patent No. 6,930,628, issued August 16, 2005 to Reinhold et al.;
50. U.S. Patent No. 6,937,538, issued August 30, 2005 to Terzioglu et al.;
51. U.S. Patent No. 6,966,002, issued November 15, 2005 to Torrubia-Saez;
52. U.S. Patent No. 6,970,895, dated November 29, 2005 to Vaidyanathan et al.;
53. U.S. Patent No. 7,084,793, issued August 1, 2006 to Elbornsson;
54. U.S. Patent No. 7,131,113, dated October 31, 2006 to Chang et al.;
55. U.S. Patent No. 7,162,573, issued January 9, 2007 to Mehta;
56. U.S. Patent No. 7,249,357, issued July 24, 2007 to Landman et al.;
57. U.S. Patent No. 7,380,100, issued May 27, 2008 to Shimura et al.;
58. U.S. Patent No. 7,528,756, issued May 5, 2009 to Moore et al.;
59. U.S. Publication No. 2002/0004912, dated January 10, 2002 to Fung;
60. U.S. Publication No. 2002/0019951, dated February 14, 2002 to Kubo et al.;
61. U.S. Publication No. 2002/0186159, dated December 12, 2002 to Reinhold et al.;
62. U.S. Publication No. 2003/0005168, dated January 2, 2003 to Leerssen et al.;
63. U.S. Publication No. 2003/0009502, dated January 9, 2003 to Katayanggi;
64. U.S. Publication No. 2003/0035549, dated February 20, 2003, to Bizjak et al.;
65. U.S. Publication No. 2003/0065905, dated April 3, 2003 to Ishii;
66. U.S. Publication No. 2003/0113031, dated June 19, 2003 to Wal;
67. U.S. Publication No. 2003/0135710, dated July 17, 2003 to Farwell et al.;
68. U.S. Publication No. 2003/0179123, dated September 25, 2003 to DeVilbiss;
69. U.S. Publication No. 2004/0030859, dated February 12, 2004 to Doerr et al.;
70. U.S. Publication No. 2004/0095264, dated May 20, 2004 to Thomas;
71. U.S. Publication No. 2004/0098707, dated May 20, 2004 to Tang et al.;
72. U.S. Publication No. 2004/0215929, dated October 28, 2004 to Floyd et al.;
73. U.S. Publication No. 2005/0027548, dated February 3, 2005 to Jacobs et al.;
74. U.S. Publication No. 2005/0034029, dated February 10, 2005, to Ramberg et al.;
75. U.S. Publication No. 2005/0182581, dated August 18, 2005 to Hashemian;

76. U.S. Publication No. 2005/0196060, dated September 08, 2005 to Wang et al.;
77. U.S. Publication No. 2005/0206648, dated September 22, 2005 to Perry et al.;
78. U.S. Publication No. 2005/0237083, dated October 27, 2005 to Bakker et al.;
79. U.S. Publication No. 2005/0257037, dated November 17, 2005 to Elwood et al.;
80. U.S. Publication No. 2006/0059377, dated March 16, 2006 to Sherburne, JR.;
81. U.S. Publication No. 2006/0082445, dated April 20, 2006 to O'Toole et al.;
82. U.S. Publication No. 2006/0218375, dated September 28, 2006 to Swarztrauber;
83. U.S. Publication No. 2006/0248360, dated November 2, 2006 to Fung;
84. U.S. Publication No. 2006/0279970, dated December 14, 2006 to Kernahan;
85. U.S. Publication No. 2007/0036150, dated February 15, 2007 to Pounds et al.;
86. U.S. Publication No. 2007/0070079, dated March 29, 2007 to Chung et al.;
87. U.S. Publication No. 2007/0192504, dated August 16, 2007 to Moore;
88. U.S. Publication No. 2007/0192566, dated August 16, 2007 to Moore et al.;
89. U.S. Publication No. 2007/0192570, dated August 16, 2007 to Moore;
90. U.S. Publication No. 2007/0192575, dated August 16, 2007 to Moore et al.;
91. U.S. Publication No. 2007/0192646, dated August 16, 2007 to Moore;
92. U.S. Publication No. 2007/0226457, dated September 27, 2007 to Moore et al.;
93. U.S. Publication No. 2008/0270648, dated October 30, 2008 to Rible;
94. U.S. Publication No. 2008/0270751, dated October 30, 2008 to Montvelishsky et al.;
95. U.S. Non-Published App. No. 10/365,089, dated February 12, 2003 to Swarztrauber (Priority application to U.S. 2006/0128375 to Swarztrauber; No. 82 cited above);
96. PCT Pub. No. WO02/012999, dated February 14, 2002 to Easics NV;
97. CN Patent Doc. CN1051995A, dated June 5, 1991 to Deutsche ITT Industries GmbH, (English abstract included);
98. EP Patent Doc. EP0724221A2, dated July 31, 1996 to International Business Machines Corp.;
99. GB Patent Doc. GB2154343 A, dated September 4, 1985 to Xerox Corp.;
100. GB Patent Doc. GB2299422 A, dated October 2, 1996 to Sony UK Ltd.,
101. JP Patent Doc. JP60-183645, dated September 19, 1985 to Xerox Corp., (English abstract included; Counterpart of U.S. Patent No. 4,591,980);
102. JP Patent Doc. JP3-500585, dated February 7, 1991 to Eastman Kodak Co., (English abstract included; Counterpart of U.S. Patent No. 4,842,517);

103. JP Patent Doc. JP5-81216, dated April 2, 1993 to Hitachi Ltd., (English abstract included; Counterpart of U.S. Patent No. 5,377,333);
104. JP Patent Doc. JP6-243113, dated September 2, 1994 to Fujitsu Ltd., (English abstract included; Counterpart of U.S. Patent No. 5,649,198);
105. JP Patent Doc. JP2509678, dated April 16, 1996 to American Telephone & Telegraph Co., (English abstract included; Counterpart of U.S. Patent No. 4,943,909);
106. JP Patent Doc. JP8-161282, dated June 21, 1996 to Korea Electron Telecommun, (English abstract included);
107. JP Patent Doc. JP8-161282, dated June 21, 1996 to Korea Electron Telecommun, (Machine Translation);
108. JP Patent Doc. JP8-288768, dated November 1, 1996 to Sony UK Ltd., (English abstract included; Counterpart of U.S. Patent No. 5,944,814);
109. KR Patent Doc. KR10-1999-0036970, dated May 25, 1999 to Kabushiki Kaisha Toshiba, (English abstract included);
110. A Digital Background Calibration Technique for Time-Interleaved Analog-To-Digital Converters, Daihong Fu et al.; IEEE Journal of Solid-State Circuits, Vol. 33, No. 12, December 1998;
111. Analog to Digital Conversion: Technical Aspects; Loumeau et al.; Annales des Telecommunications, vol. 57, numbers 5-6; June 3, 2002; pp338-385;
112. CMOS Digital Integrated Circuits, Kang et al., 1999, McGraw-Hill, 2nd edition, pp 549-550;
113. Evolvable Platform for Array Processing: A One-Chip Approach, Girau et al., Microelectronics for Neural, Fuzzy and Bio-Inspired Systems, 1999. MIC Roneuro '99. Proceedings of the Seventh International Conference on Granada, Spain, April 7-9, 1999, Los Alamitos, CA(US) IEEE Computer Soc, US, April 7, 1999, pp 187-193, XP010329509;
114. Field Programmable Processor Arrays, Nussbaum et al., Evolvable Systems: From Biology to Hardware. Second International Conference, ICES 98 Proceedings, Springer-Verlag Berlin, DE, 1998, pp 311-322, XP002536744; and
115. The Evolution Of Forth; Rather et al; ACM SIGPLAN Notices, Vol. 28, No. 3, March 1993.

Cited Patent Applications with Explanation of Relevance:

Applicant also brings the following patent applications and related documents to the Examiner's attention because these patent applications may contain some common subject matter as the above-referenced patent application.

1. PCT Application No. PCT/US2005/005140, filed February 18, 2005, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2005/091847A2 (not cited);
- ii. International Search Report and Written Opinion dated June 17, 2008 (cite no. EL); and
- iii. International Preliminary Report on Patentability dated March 5, 2009 (cite no. EM).

This application is an International Phase Application of U.S. Application No. 10/801,942. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

2. CN Application No. 200580008575.7, filed September 18, 2006, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Office Action dated March 15, 2010 (English translation; cite no. EN).;

This application is a Chinese National Phase Application of PCT Application No. PCT/US2005/005140. Therefore, a copy of the specification and claims of this Chinese application is not being provided because it would be unnecessarily cumulative.

3. EP Application No. 05723250.6, filed October 11, 2006, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. European Search Report dated July 31, 2009 (cite no. EO); and
- ii. Office Action dated March 19, 2010 (cite no. EP).

This application is a European National Phase Application of PCT Application No. PCT/US2005/005140. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

4. JP Application No. 2007-503910, filed September 14, 2006, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Office Action dated September 2, 2009 (English translation; cite no. EQ).

This application is a Japanese National Phase Application of PCT Application No. PCT/US2005/005140. Therefore, a copy of the specification and claims of this Japanese application is not being provided because it would be unnecessarily cumulative.

5. U.S. Patent Application Serial No.: 11/810,183, filed June 5, 2007, by Moore:

- i. U.S. Publication No. 2007-0245121-A1 (not cited);
- ii. Office Action dated June 23, 2008 (cite no. ER);
- iii. Office Action dated March 31, 2009 (cite no. ES); and
- iv. Notice of Allowance dated July 27, 2010 (cite no. ET);

This application is a continuation of U.S. Application No. 10/801,942. Therefore, a copy of the specification and claims of this U.S. Application is not being provided because it would be unnecessarily cumulative.

6. U.S. Patent Application Serial No. 11/355,495, filed February 16, 2006, by Moore:

- i. U.S. Publication No. 2007-0192504-A1 (cite no. DW);
- ii. Office Action dated October 3, 2007 (cite no. EU);
- iii. Office Action dated June 10, 2008 (cite no. EV);
- iv. Interview Summary dated November 18, 2008 (cite no. EW);
- v. Office Action dated February 2, 2009 (cite no. EX);
- vi. Office Action dated September 24, 2009 (cite no. EY);
- vii. Office Action dated April 20, 2010 (cite no. EZ); and
- viii. Interview Summary dated September 29, 2010 (cite no. FA).

7. PCT Application No. PCT/US2007/004031, filed February 16, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2007/098007 (not cited);
- ii. International Search Report and Written Opinion dated July 7, 2008 (cite no. FB); and
- iii. International Preliminary Report on Patentability dated August 28, 2008 (cite no. FC).

This application is an International Phase Application of U.S. Application No. 11/355,495 and claims priority to U.S. Application No. 11/355,513. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

8. EP Application No. 07250648.8, filed February 15, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. European Search Report dated May 21, 2007 (cite no. FD);
- ii. Office Action dated February 14, 2008 (cite no. FE); and
- iii. Office Action dated July 15, 2009 (cite no. FF).

This application is a European Application claiming priority to U.S. Application No. 11/355,495 and U.S. Application No. 11/355,513. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

9. U.S. Patent Application Serial No. 11/355,513, filed February 16, 2006, by Moore:

- i. U.S. Publication No. 2007-0192646-A1 (cite no. DX);
- ii. Office Action dated September 25, 2008 (cite no. FG);
- iii. Office Action dated May 1, 2009 (cite no. FH);
- iv. Office Action dated December 28, 2009 (cite no. FI);
- v. Office Action dated July 22, 2010 (cite no. FJ); and
- vi. Interview Summary dated October 12, 2010 (cite no. FK).

10. PCT Application No. PCT/US2007/004080, filed 2/16/2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2007/098023 (not cited);
- ii. International Search Report and Written Opinion dated May 5, 2008 (cite no. FL); and
- iii. International Preliminary Report on Patentability dated August 28, 2008 (cite no. FM).

This application is an International Phase Application of U.S. Application No. 11/355,513 and claims priority to U.S. Application No. 11/355,495. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

11. CN Application No. 200780000014.1, filed February 16, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Office Action dated July 24, 2009 (English translation; cite no. FN).

This application is a Chinese Application claiming priority to U.S. Application No. 11/355,513 and U.S. Application No. 11/355,495. Therefore, a copy of the specification and claims of this Chinese application is not being provided because it would be unnecessarily cumulative.

12. EP Application No. 07250645.4, filed February 15, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. European Search Report dated June 27, 2007 (cite no. FO);
- ii. Office Action dated February 14, 2008 (cite no. FP); and
- iii. Notice of Allowance dated October 21, 2009 (cite no. FQ).

This application is a European Application claiming priority to U.S. Application No. 11/355,513 and U.S. Application No. 11/355,495. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

13. U.S. Patent Application Serial No. 11/441,784, filed May 26, 2006, by Moore:

- i. U.S. Publication No. 2007-0192570-A1 (cite no. EB);
- ii. Restriction Requirement dated August 21, 2007 (cite no. FR);
- iii. Office Action dated November 27, 2007 (cite no. FS);
- iv. Office Action dated February 19, 2008 (cite no. FT);
- v. Office Action dated November 7, 2008 (cite no. FU);
- vi. Interview Summary dated November 9, 2009 (cite no. FV);
- vii. Notice of Allowance dated January 27, 2010 (cite no. FW);
- viii. Office Action dated March 17, 2010 (cite no. FX); and
- ix. Amendment Considered Notice dated April 15, 2010 (cite no. FY).

This application is a continuation-in-part of U.S. Application No. 11/355,513, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345.

14. PCT Application No. PCT/US2007/004030, filed 2/16/2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2007/098006 (not cited);
- ii. International Search Report and Written Opinion dated November 10, 2008 (cite no. FZ);
and
- iii. International Preliminary Report on Patentability dated December 18, 2008 (cite no. GA).

This application is an International Phase Application of U.S. Application No. 11/441,784, and claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441,812, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

15. CN Application No. 200780000013.7, filed April 30, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Office Action dated March 30, 2010 (English translation; cite no. GB).

This application is a Chinese Application claiming priority to U.S. Application No. 11/441,784, and also claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441,812, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this Chinese application is not being provided because it would be unnecessarily cumulative.

16. EP Application No. 07250649.6, filed February 15, 2007 by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Extended European Search Report dated July 2, 2007 (cite no. GC);
- ii. Office Action dated February 14, 2008 (cite no. GD);
- iii. Office Action dated January 29, 2010 (cite no. GE); and
- iv. Notice of Allowance dated July 26, 2010 (cite no. GF).

This application is a European Application claiming priority to U.S. Application No. 11/441,784, and also claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441,812, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

17. U.S. Patent Application Serial No. 12/803,652, filed July 1, 2010, by Moore:

- i. Office Action dated September 22, 2010 (cite no. GG).

This present application is a divisional of U.S. Application No. 11/441,784. Therefore, a copy of the specification and claims of this U.S. Application is not being provided because it would be unnecessarily cumulative.

18. U.S. Patent Application Serial No. 11/441,812, filed May 26, 2006, by Moore et al.:

- i. U.S. Publication No. 2007-0192575-A1 (cite no. EC);
- ii. Office Action dated August 21, 2007 (cite no. GH);
- iii. Restriction Requirement dated July 10, 2008 (cite no. GI);
- iv. Office Action dated April 2, 2009 (cite no. GJ); and
- v. Office Action dated January 15, 2010 (cite no. GK).

This application is a continuation-in-part of U.S. Application No. 11/355,513, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345.

19. PCT Application No. PCT/US2007/004029, filed February 16, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO2007/098005 (not cited);
- ii. International Search Report and Written Opinion dated August 25, 2008 (cite no. GL); and
- iii. International Preliminary Report on Patentability dated September 18, 2008 (cite no. GM).

This application is an International Phase Application of U.S. Application No. 11/441,812, and claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441, 784, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

20. CN Application No. 200780000015.6, filed April 30, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Office Action dated December 18, 2009 (English translation; cite no. GN).

This application is a Chinese Application claiming priority to U.S. Application No. 11/441,812, and also claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441, 784, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this Chinese application is not being provided because it would be unnecessarily cumulative.

21. EP Application No. 07250614.0, filed February 15, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. European Search Report dated June 13, 2007 (cite no. GO);
- ii. Office Action dated February 18, 2008 (cite no.GP); and
- iii. Office Action dated January 29, 2010 (cite no. GQ).

This application is a European Application claiming priority to U.S. Application No. 11/441,812, and also claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441, 784, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

22. U.S. Patent Application Serial No. 11/441,818, filed May 26, 2008, by Moore et al.:

- i. U.S. Publication No. 2007-0192566-A1 (cite no. ED);
- ii. Office Action dated September 5, 2007 (cite no. GR);
- iii. Office Action dated July 10, 2008 (cite no. GS);
- iv. Office Action dated April 1, 2009 (cite no. GT); and
- v. Office Action dated January 5, 2010 (cite no. GU).

This application is a continuation-in-part of U.S. Application No. 11/355,513, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345.

23. PCT Application No. PCT/US2007/004083, filed February 16, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2007/098026 (not cited);
- ii. International Search Report and Written Opinion dated September 4, 2008 (cite no. GV);
and
- iii. International Preliminary Report on Patentability dated March 12, 2009 (cite no. GW).

This application is an International Phase Application of U.S. Application No. 11/441,818, and claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441, 784, and U.S. Application No. 11/441,812, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

24. EP Application No. 07250646.2, filed February 15, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Partial European Search Report dated July 24, 2007 (cite no. GX);
- ii. Extended European Search Report dated August 25, 2008 (cite no. GY); and
- iii. Office Action dated May 5, 2009 (cite no. GZ).

This application is a European Application claiming priority to U.S. Application No. 11/441,818, and also claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441, 784, and U.S. Application No. 11/441,812, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

25. U.S. Patent Application Serial No. 11/653,187, filed January 12, 2007, by Moore et al.:

- i. U.S. Publication No. 2007-0226457-A1 (cite no. DY);
- ii. Restriction Requirement dated October 24, 2008 (cite no. HA);
- iii. Office Action dated March 13, 2009 (cite no. HB);
- iv. Office Action dated November 3, 2009 (cite no. HC); and
- v. Office Action dated July 23, 2010 (cite no. HD).

26. PCT Application No. PCT/US2007/004082, filed February 16, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2007/098025 (not cited);
- ii. International Search Report and Written Opinion dated November 10, 2008 (cite no. HE);
- and
- iii. International Preliminary Report on Patentability dated December 31, 2008 (cite no. HF).

This application is an International Phase Application of U.S. Application No. 11/653,187 and claims priority to U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441,784, and U.S. Application No. 11/441,812, and U.S. Application No. 11/441,818, and U.S. Application No. 11/653,187, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345, and U.S. Provisional Application Serial No. 60/818,084, and U.S. Provisional Application Serial No. 60/849,498. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

27. EP Application No. 07250647.0, filed February 15, 2007, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Partial European Search Report dated July 3, 2007 (cite no. HG);
- ii. Extended European Search Report dated May 21, 2008 (cite no. HH); and
- iii. Office Action dated January 9, 2009 (cite no. HI).

This application is a European Application claiming priority to U.S. Application No. 11/653,187, U.S. Application No. 11/355,513, U.S. Application No. 11/355,495, U.S. Application No. 11/441, 784, and U.S. Application No. 11/441,812, and U.S. Application No. 11/441,818, and claims the benefit of U.S. Provisional Application Serial No. 60/788,265, and U.S. Provisional Application Serial No. 60/797,345, and U.S. Provisional Application Serial No. 60/818,084, and U.S. Provisional Application Serial No. 60/849,498. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

28. U.S. Patent Application Serial No. 11/741,649, filed April 27, 2007, by Rible:

- i. U.S. Publication No. 2008-0270648-A1 (cite no. DZ);
- ii. Office Action dated May 12, 2008 (cite no. HJ); and
- iii. Notice of Allowance dated February 27, 2009 (cite no. HK).

29. PCT Application No. PCT/US2008/005336, filed April 25, 2008, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2008/133980 (not cited);
- ii. International Search Report and Written Opinion dated October 9, 2008 (cite no. HL); and
- iii. International Preliminary Report on Patentability dated December 28, 2009 (cite no. HM).

This application is an International Phase Application of U.S. Application No. 11/741,649. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

30. EP Application No. 08251505.7, filed April 23, 2008, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. European Search Report dated August 4, 2008 (cite no. HN); and
- ii. Office Action dated July 15, 2009 (cite no. HO).

This application is a European Application claiming priority to U.S. Application No. 11/741,649. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

31. U.S. Patent Application Serial No. 11/741,659, filed April 27, 2008, by Montvelishsky et al.:

- i. U.S. Publication No. US-2008-0270751-A1 (cite no. EE);
- ii. Office Action dated December 29, 2008 (cite no. HP);
- iii. Office Action dated September 16, 2009 (cite no. HQ); and
- iv. Notice of Allowance dated June 9, 2010 (cite no. HR).

The present application is a continuation-in-part of U.S. Application No. 11/741,649.

32. PCT Application No. PCT/US2008/005335, filed April 25, 2008, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. International Publication No. WO 2008/133979 (not cited);
- ii. International Search Report and Written Opinion dated December 8, 2008 (cite no. HS);
- and
- iii. International Preliminary Report on Patentability dated May 29, 2009 (cite no. HT).

This application is an International Phase Application of U.S. Application No. 11/741,659, and also claims priority to U.S. Application No. 11/741,649. Therefore, a copy of the specification and claims of this International Phase Application is not being provided because it would be unnecessarily cumulative.

33. EP Application No. 08251499.3, filed April 23, 2008, by Technology Properties Limited (Now VNS Portfolio LLC):

- i. Office Action dated August 13, 2008 (cite no. HU); and
- ii. Office Action dated May 20, 2009 (cite no. HV).

This application is a European Application claiming priority to U.S. Application No. 11/741,659 and to U.S. Application No. 11/741,649. Therefore, a copy of the specification and claims of this European application is not being provided because it would be unnecessarily cumulative.

English abstracts are provided to satisfy the requirement for a concise explanation of the relevance of the non-English references, as provided for in M.P.E.P. §609.04(a)(III).

Citation of the above documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

This information disclosure statement is filed after the mailing of an office action on the merits, but before the mailing of a final action. Therefore, pursuant to 37 CFR §1.97(c), the fee set forth in 37 CFR §1.17(p) is enclosed.

Respectfully Submitted,

October 28, 2010
Date: _____

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CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being filed with the United States Patent and Trademark Office on the date shown below via EFS-Web.

October 28, 2010
Date: _____

/Larry E. Henneman, Jr./

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